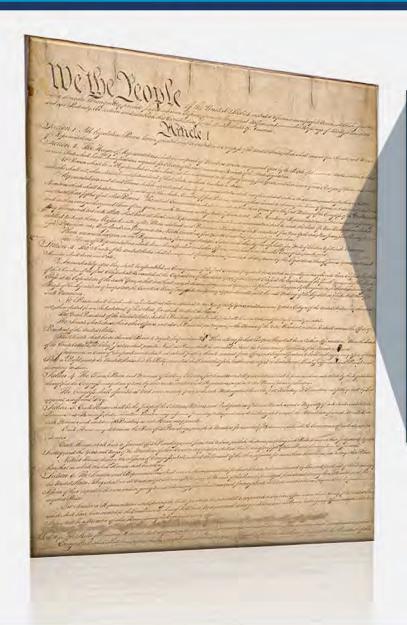


Closing Statement

The "United States Constitution



Congress shall have power ... to promote the progress of science and useful arts by securing for limited times to authors and inventors the exclusive right to their respective writings and discoveries.

U.S. Constitution, Art. I, Sec. 8

PMCSHISTO With Apple



Tr. 254:4-20



Ms. Kazie Metzger

Tr. 234:18-24

"[I] thought naively that a company such as Apple might be interested -- once it learned the nature of the scope of our intellectual property, might be interested in acquiring exclusive rights in certain of our property to supplement whatever rights it may have to enable it to -- to establish bulkheads and beachheads in various of its product lines."

"We thought that they -- that after six years of back and forth and asking for information and we provided it and we didn't get anywhere after six years, we felt like the only way we could protect our rights was to come to court."

Case 2:15-cv-01366-JRG-RSP Document 598-1 Filed 03/30/21 Page 4 of 62 PageID #:

Infringement

Jury instruction for filed 03/30/21 the Court



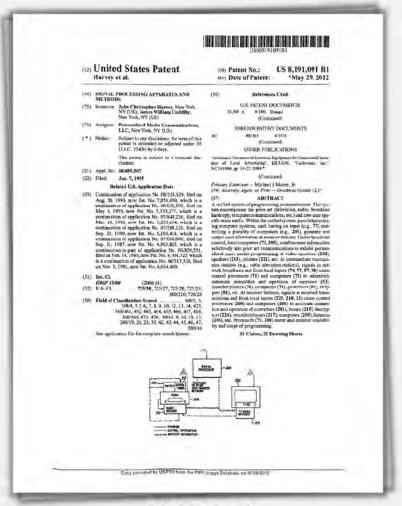
Infringement

The only appropriate comparison is to compare Apple's FairPlay with the language of the claims themselves, as I have explained their meaning to you

Case 2:15-ci-01366-JRG-RSP Document 598-1 File 03/30/21 Page 6 of 62 Page ID #:

13. A method of decrypting programming at a receiver station, said method comprising the steps of:	Infringement
receiving an encrypted digital information transmission including encrypted information;	-
detecting in said encrypted digital information transmission the presence of an instruct-to-enable signal;	-
passing said instruct-to-enable signal to a processor;	*
determining a fashion in which said receiver station locates a first decryption key by processing said instruct-to-enable signal;	*
locating said first decryption key based on said step of determining;	*
decrypting said encrypted information using said first decryption key; and	-
outputting said programming based on said step of decrypting.	-

Claim IS of t4395e U91 Page 7 of 62 PageID#:



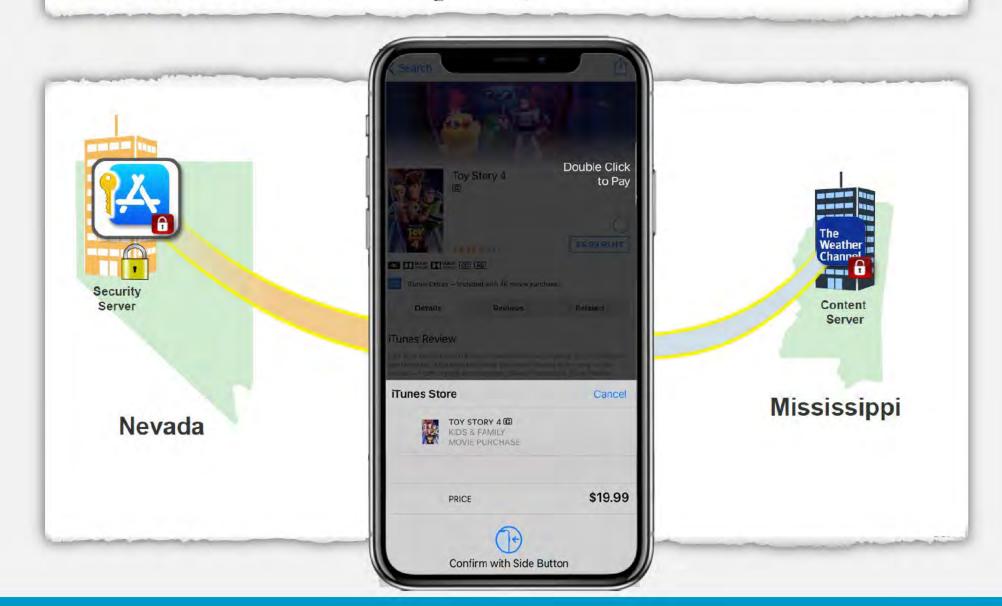
'091 Patent

- 13. A method of decrypting programming at a receiver station, said method comprising the steps of:
 - receiving an encrypted digital information transmission including encrypted information;
 - detecting in said encrypted digital information transmission the presence of an instruct-to-enable signal;
 - passing said instruct-to-enable signal to a processor;
 - determining a fashion in which said receiver station locates a first decryption key by processing said instruct-toenable signal;
 - locating said first decryption key based on said step of determining;
 - decrypting said encrypted information using said first decryption key; and
 - outputting said programming based on said step of decrypting.

13. A method of decrypting programming at a receiver station, said method comprising the steps of:



13. A method of decrypting programming at a receiver station, said method comprising the steps of:



Case 2:15-cv-01366-JRG-RSP Document 598-1 Filed 03/30/21 Page 10 of 62 PageID #:

13. A method of decrypting programming at a receiver station, said method comprising the steps of:







Case 2:15-cv-01366-JRG-RSP Document 598-1 Filed 03/30/21 Page 12 of 62 PageID #: receiving an encrypted dight of information transmission including encrypted information;

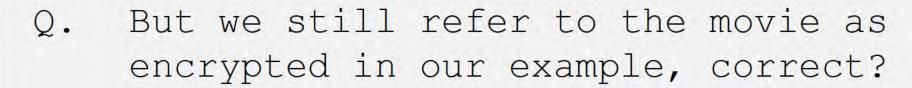


Court's Construction

encrypted digital information transmission

"all-digital information that has been encrypted and moved between at least two devices."

receiving an encrypted digital information transmission including encrypted information;



A. That's right. It's encrypted in that a large portion is encrypted and it cannot be used at all.

Q. But there is a portion of the video in our example that is not encrypted, right?

A. That is correct.



Case 2:15-cv-01366-JRG-RSP Document 598-1 Filed 03/30/21 Page 14 of 62 PageID #: detecting in said encrypted digital information transmis²⁵⁸ sion the presence of an instruct-to-enable signal;



detecting in said encrypted digital information transmiss59 sion the presence of an instruct-to-enable signal;



Court's Construction

instruct-to-enable signal

"a signal that enables the implementation of the enumerated operation."

Court's Construction

instruct-to-enable signal

"a signal that enables the implementation of the enumerated operation."

- Now, before the account ID and the key ID are obtained, the system would not be able to retrieve the appropriate key, correct?
- That's correct. A.
- Without the account ID and the key ID from the 0. SINF, the FairPlay module on the user device would not be **able** to identify the correct account key from the keybag, correct?
- A. That's right.



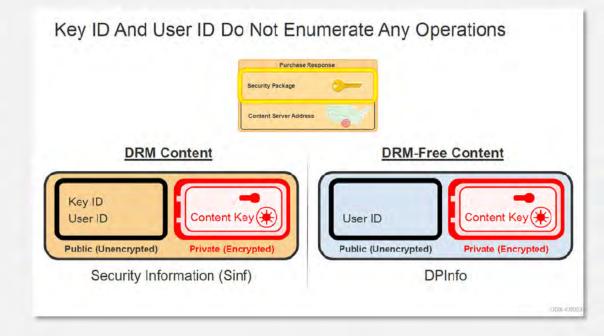
Tr. 860:4-11

Apple Applies the Wrong Claim Construction



Tr. 891:11-17

- Q. And the Court has instructed us that instructto-enable signal is a signal that enables the implementation of the enumerated operation, correct?
- A. That's correct.
- Q. The construction is not a signal that enumerates an operation, right?
- A. That's correct.



passing said instruct-to-enable signal to a processor;



passing said instruct-to-enable signal to a processor;



Case 2:15-cv-01366-JRG-RSP Document 598-1 Filed 03/30/21 Page 20 of 62 PageID #: determining a fashion in which said receiver station locates 43964 a first decryption key by processing said instruct-toenable signal;



Case 2:15-cy-01366-JRG-RSP Document 598-1 Filed 03/30/21 Page 21 of 62 PageID #: determining a fashion in which said receiver station locates 43965 a first decryption key by processing said instruct-toenable signal;



Court's Construction

determining a fashion

"determining the way that the receiver station locates a first decryption key."

★ Court's Construction

determining a fashion

"determining the way that the receiver station locates a first decryption key."

- Q. And how many keys are on the iPhone?
- A. There could be several. There could literally be a dozen. The point is there are -- there's more than one, generally speaking. And so this key ID will point to the particular key that will decrypt the content.
- A. [Apple device] takes the data, and the program uses it in a certain way so that content key is decrypted, content key is then used to decrypt the app, in my example, and then you can use the app to find out what the weather is going to be like.
- Q. So let's turn to DPInfo on the next slide, and can you explain how that works?
- A. Okay. So this is a **different way** of getting that key that will in turn decrypt the content key.

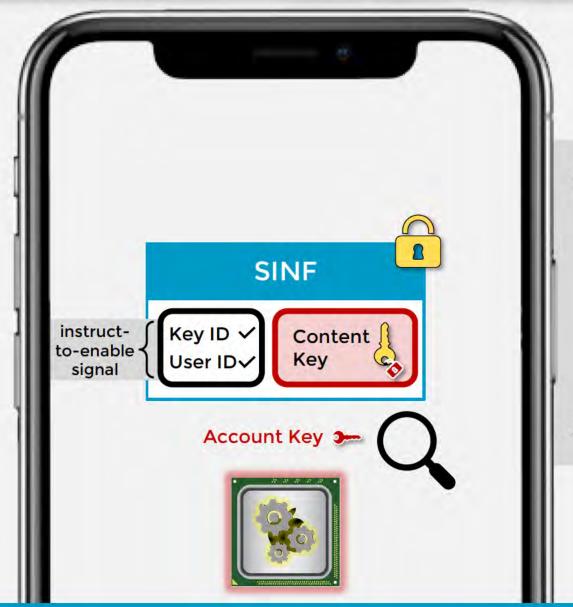


Dr. Stephen Wicker

Tr. 808:16-20; 821:1-5; 827:20-23

Case 2:15-cv-01366-JRG-RSP Document 598-1 Filed 03/30/21 Page 23 of 62 PageID #: locating said first decryption key based on said step 438 67 determining;





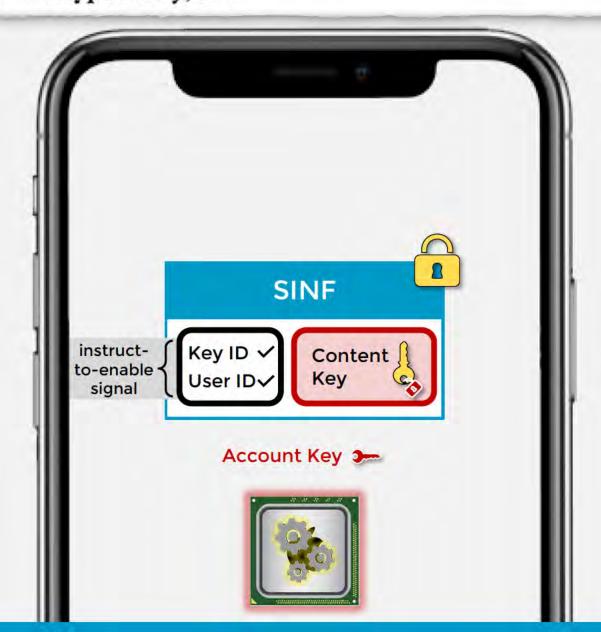
The account ID and the key ID are used to identify the particular key in the keybag needed the account key, correct?





Tr. 859:25-860:3

decrypting said encrypted information using said first decryption key; and









outputting said programming based on said step 43971 decrypting.





outputting said programming based on said step 43972 decrypting.





outputting said programming based on said step 43973 decrypting.





Jury instruction for five country in the Court



Infringement

PMC has accused Apple of indirect infringement. There are two types of indirect infringement: (1) active inducement and (2) contributory infringement.

FairPlay Has No Use Sther Than Decryption



Q. The decryption features of FairPlay on iPhones that you talked quite a bit about, does that decryption feature have any purpose that you consider to be non-infringing to the '091 patent?

A. No.

Tr. 526:21-25

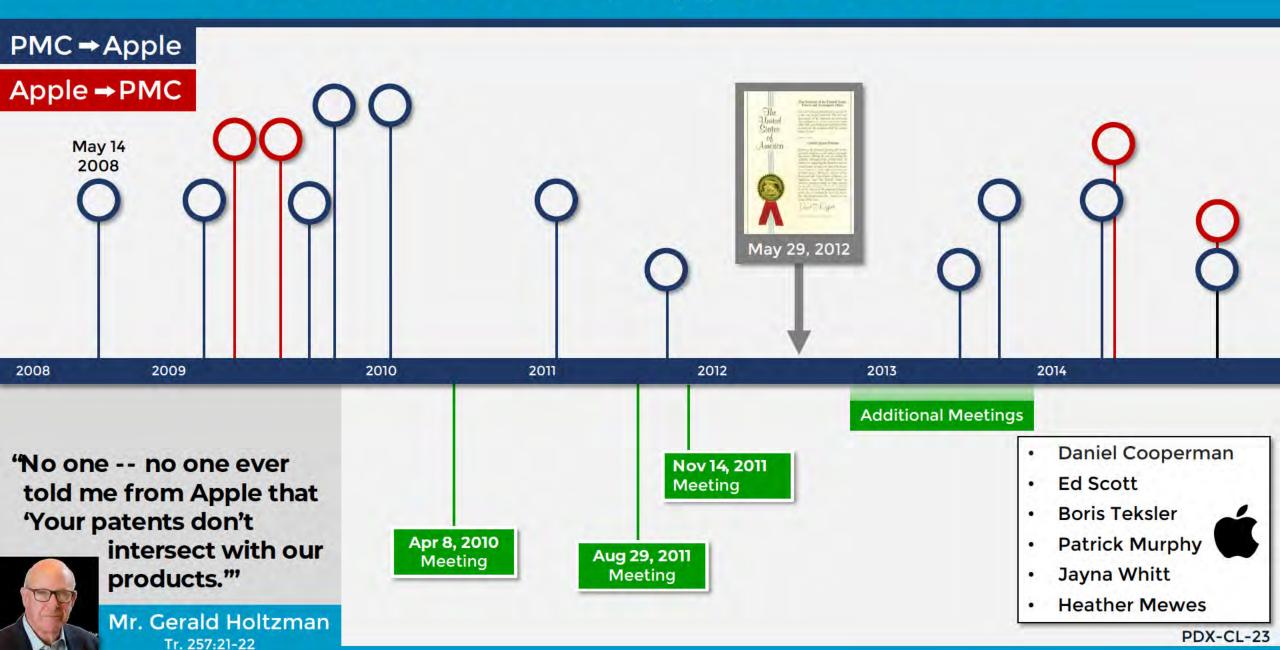


Roger Pantos
Tr. at 722:14-22

Q. And when -- if somebody thinks about, you know, what other devices, like a smartphone or a tablet, is FairPlay used for any of the other functions other than downloading, like making calls or surfing the Internet, doing emails or anything like that?

A. No, FairPlay protects content downloads, including app downloads. But when you're running the app or you're browsing the web or you're, you know, looking at your email, you're not using FairPlay for that.

Timeline of PMC ppie Discussions



PMC Told Apple About 188 Decryption Technology



From: Gerald Holtzman [gholtzman@bssmail.biz]

Sent: Monday, April 12, 2010 11:45 AM
To: Edward W. Scott IV; Borls Teksler

Cc: Boyd Lemna

Subject: PMC and Apple: Meaning of Control Signals in the PMC Claims

Hi Ed and Boris,

Reflecting on our meeting, I want to be sure that we have explained adequately what's meant in the PMC portfolio (issued and new patents) when we speak of transmitted "control signals".

program material." Another example is the "instruct-to-decrypt" signal found in several claims of Patent 5,335,277, such as claim 19, which instructs the the selected decryptor to decrypt the relevant portion of the transmission.

PTX 1152

Apple Türned a Blind Eye to PMC's Patents



Q. Do you know if Apple ever does clearance searches?

A. I'm not aware of any. I mean, it's something we would consider if it makes sense in a particular circumstance, but it's certainly not a policy to do clearance searches because we've generally made the evaluation that they don't make sense.

Tr. 284:10-24



Ms. Jayna Whitt

Tr. at 296:7-10 297:7-11 297:24-298:3

- Q. Is any effort done to investigate or track any still-pending applications that are related to patents that individuals put forth to Apple?
- A. No. We usually ask parties to keep us apprised...
- Q. So you said that currently Apple doesn't track pending applications, but rather asks the individual with the patent or patents to inform Apple of any new patents or things of that nature; is that correct?
- A. That's right...
- Q. Are you aware of any instances where Apple did track pending applications or prosecution -- changes in prosecution history in patents that individuals had brought to Apple to license?
- A. No, I'm not...

Don't Let App Pie Mislead You

1. "Separation"

2. Apple Patents

3. Belittling the '091 Patent

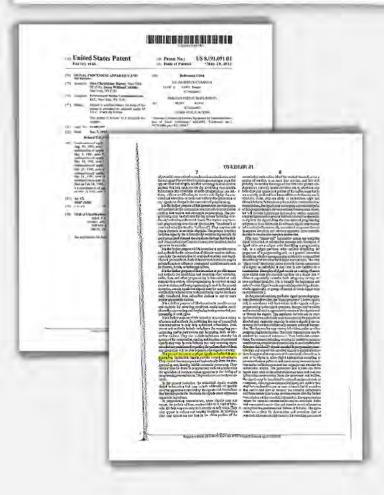
Don't Let App Me Mislead You

"Separation" Apple Patents Belittling the '091 Patent



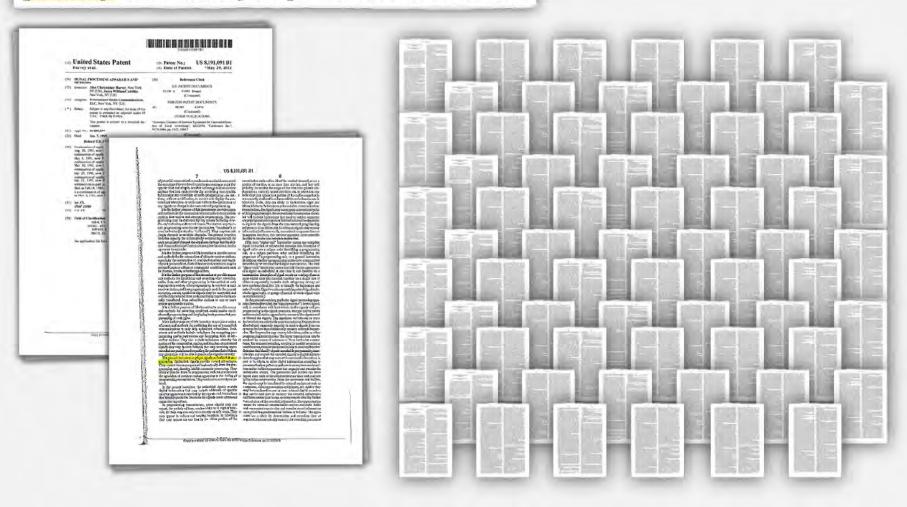
Claim Does Not Requise Embedded Signals

The present invention employs signals embedded in programming. Embedded signals provide several advantages.

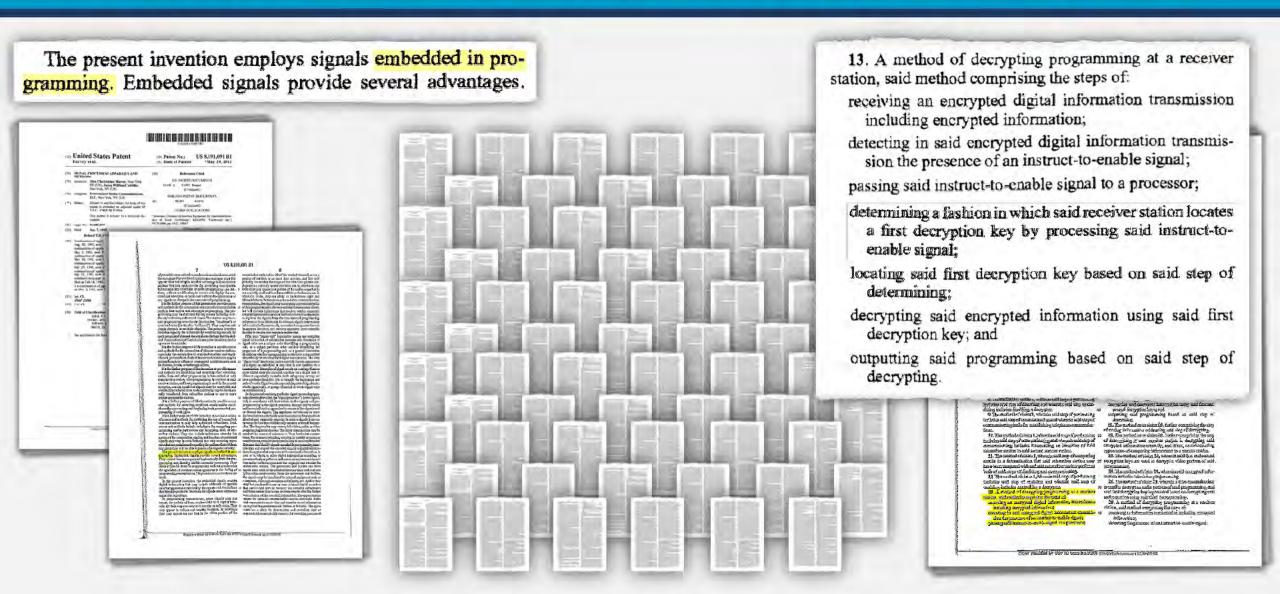


Claim Does Not Requise Embedded Signals

The present invention employs signals embedded in programming. Embedded signals provide several advantages.



Claim Does Not Require Embedded Signals



Don't Let App & Missead You

"Separation"

2. Apple Patents

3. Belittling the '091 Patent

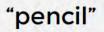
Jury instruction for the Court



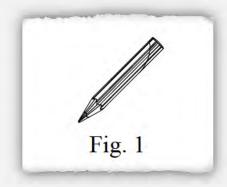
Comprising

Comprising means including or containing. When the word "comprising" is used, a product that includes all the limitations or elements of the claim, as well as additional elements, is covered by the claim.

Apple's Patents Aren't Reievant



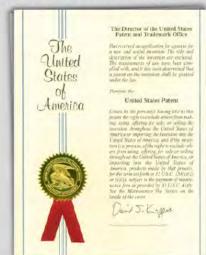




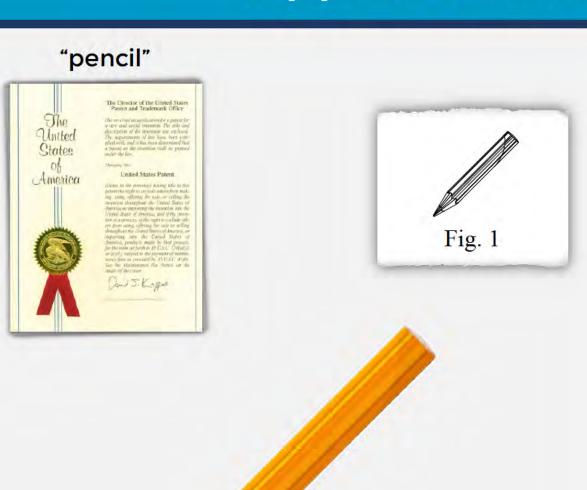


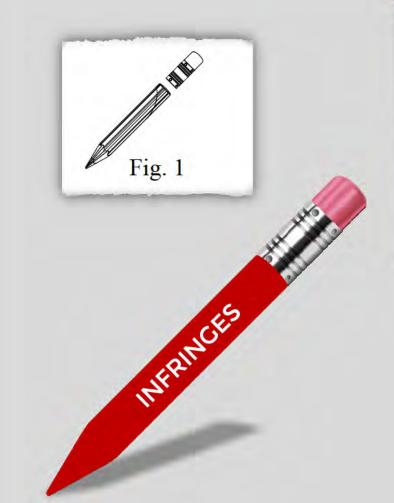


"pencil with eraser"

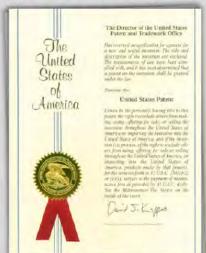


Apple's Patents Aren't Reievant





"pencil with eraser"



Jury instruction for five country in the Court



Infringement

The fact that a person accused of infringement has its own patents does not mean that it cannot infringe someone else's patents.

Don't Let App Mislead You

"Separation"

Apple Patents

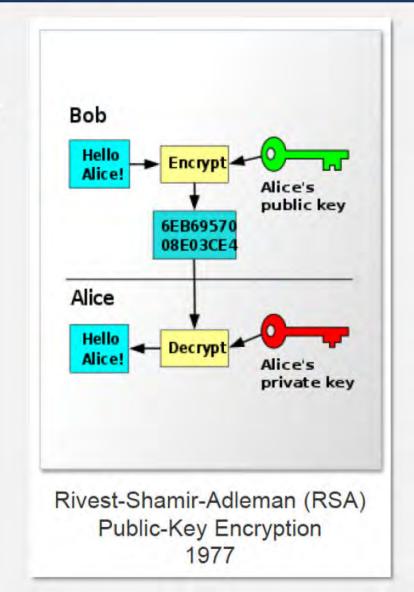
3. Belittling the '091 Patent

Technology with Staying Power"



- Tr. 900:17-25; 901:7-15

- Q. So technology doesn't become obsolete simply because it came out a long time ago, correct?
- A. That's true.
- Q. Some technology has real staying power, right?
- A. Certainly true.



2012: 30-Year Owening Filed 03/30/21 Page 45 62 Page ID

"He was -- he had a vision of how technology was going to develop, and that's why he filed a 500-page patent application describing all the things that he thought were going to come to pass."









SONY

1995, 2012

desh.





































motorola

PDX-CL-37

Case 2:15-cv-01366-JRG-RSP Document 598-1 Filed 03/30/21 Page 50 of 62 PageID #: 43994

Damages

FairPlay Essential Tunes and App Store

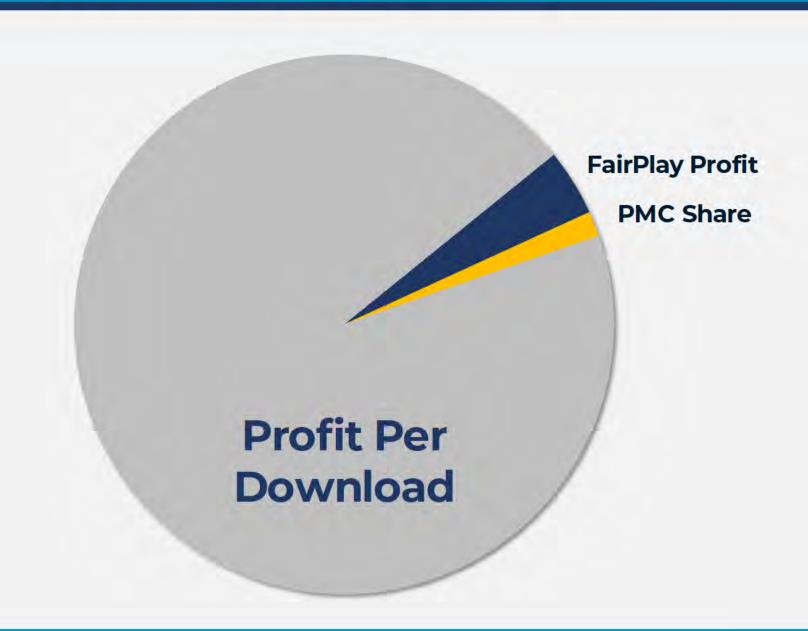


Media Streaming

 iTunes makes Apple devices "attractive" to consumers

FairPlay is "essential" to iTunes

Case 2:15-cv-01365-RG-RSP Document 598-1 Filed 03/30/21 Page 52 of 62 PageID #: Pellegri4399 of S Analysis



Mr. Farrugia Estimates the Size of His Team



- Q. At the time you were the head of FairPlay engineering, how many persons were on your team?
- A. I -- I can give you a ballpark, but I don't know the detail.
- Q. What is your ballpark number?
- A. 15 to 20.

Mr. Farrugia Estimates the Size of His Team

FairPlay team headcount: 17.5

5.64%

iTunes team headcount:

Author(s)

Tom Dowdy Augustin J. Farrugia David Heller

Jeff Robbin

Gianpaolo Fasoli Contributor(s)

Rober Pantos

DTX 225

Inventors: Augustin J. Farrugia, Cupertino, CA (US); Gianpaolo Fasoli, Palo Alto, CA (US); Jean-Francois Riendeau, Campbell, CA (US); Rod Schultz, San Francisco, CA (US)

DTX 952

Inventors: Julien Lerouge, Santa Clara, CA (US); Gianpaolo Fasoli, Palo Alto, CA (US); Augustin J. Farrugia, Cupertino, CA (US)

Inventors: Gianpaolo Fasoli, Palo Alto, CA (US); Augustin J. Farrugia, Cupertino, CA (US); Bertrand Mollinier Toublet, Santa Clara, CA (US): Gelareh Taban, Sunnyvale, CA (US); Nicholas T. Sullivan, Sunnyvale, CA (US): Srinivas

Vedula, Santa Clara, CA (US)

DTX 963

Inventors: Augustin J. Farrugia, Cupertino, CA (US); Mathieu Ciet, Paris (FR); Pierre Betouin, Boulogne (FR)

DTX 964

Inventors: Pierre Betouin, Fontenay-le-Fleury (FR); Mathieu Ciet, Paris (FR); Augustin J. Farrugia, Cupertino, CA (US); Gianpaolo Fasoli, Palo Alto, CA (US)

DTX 965

Inventors: Thomas Dowdy, Sunnyvale, CA (US); Jeffrey L. Robbin, Los Altos, CA (US); Guy L. Tribble, Hillsborough, CA (US):

DTX 966

Author(s)

Tom Dowdy (iTunes) Augustin J. Farrugia (FairPlay) Gianpaolo Fasoli (FairPlay) Jean-François Riendeau (FairPlay)

Contributor(s)

David Heller (iTunes) Roger Pantos (QuickTime) Jeff Robbin (iTunes) Grant Erickson (iPod)

David Heller, San Jose, CA (US)

DTX 949

- Pierre Betouin
- Mathieu Ciet
- Tom Dowdy
- Grant Erickson
- **Augustin Farrugia**
- Gianpaolo Fasoli
- **David Heller**
- Julien Lerouge
- **Roger Pantos**
- Jean-Francois Riendeau
- 11. Jeff Robbin
- 12. Rod Schultz
- 13. Nicholas Sullivan
- 14. Gelareh Taban
- 15. Guy Tribble
- 16. Bertrand Mollinier Toublet
- 17. Srinivas Vedula

70,366,733,949+ FairPlay downloads

Case 2:15-cy-01366-JRG-RSP, Document 598-1, Filed 03/30/21, Page 56 of 62 PageID #: Reasonal Page Royal Ty



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ROYALTY BASE

70+ Billion downloads



DAMAGES

\$308,488,108

PMC

Closing Statement

Case 2:15-cv-01366-JRG-RSP Document 598-1 Filed 03/30/21 Page 58 of 62 PageID #

QUESTION 1:

Has PMC proven by a preponderance of the evidence that Apple infringed

ANY of the Asserted Claims of '091 Patent?

Please check either "Yes" or "No."

Yes: _____ No

No:

Case 2:15-cv-01366-JRG-RSP Document 598-1 Filed 03/30/21 Page 60 of 62 PageID #: 44004

Answer Questions 2a and 2b <u>ONLY</u> as to any Asserted Claims that you have found are infringed.

QUESTION 2a:

What sum of money, if any, paid now in cash, has PMC proven by a preponderance of the evidence would compensate PMC for its damages resulting from infringement?

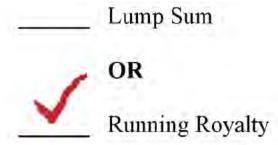
Answer in United States Dollars and Cents, if any:

\$ 308,488,108

QUESTION 2b:

Is the amount you awarded in Question 2a a lump-sum representing damages for past and future use of the claimed methods, or is the amount you awarded in Question 2a a running royalty?

Check one of the following:



PMC

Closing Statement